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USDOC FOR 532/OEA/MHAMES/LRITTER
USDOC FOR 3150/USFCS/OIO/CEENIS/MCOSTA
USDOC FOR 532/OEE/MO'BRIEN

E.O. 12958: N/A

TAGS: BEXP ETRD ETTC RS

SUBJECT: EXTRANCHECK: POST-SHIPMENT VERIFICATION: NST
OMZ RESEARCH CENTER FOR EOM, MOSCOW, RUSSIA, LICENSE
NO. D367877

REFTEL: 1. USDOC 03328, 2. USDOC 03094

¶1. Unauthorized disclosure of the information provided below is prohibited by Section 12C of the Export Administration Act.

¶2. Reftel 1 requested a Post-shipment verification to determine the legitimacy and reliability of the end-user, NST OMZ Research Center for EOM, Moscow, Russia. The company is listed on BIS license application D367877 as the ultimate consignee of four field programmable gate arrays, model: AX2000-CQ352M. These items are controlled for national security, missile technology, nuclear non-proliferation and anti-terrorism reasons under ECCN 3A001. The licensee is Actel Corporation, 2061 Stierlin st., Mountain View, CA 94043.

¶3. NOTE: ECO Moscow conducted PSV- D328969 with a favorable recommendation for the same type of commodity going to the Federal Space Agency for incorporation into the Meteor-M satellite. The Meteor-M is a metrological satellite (detailed information is available at the following NOAA website: <http://ceosplenary17.noaa.gov/roshydromet.pdf>). Also, post recently consulted with the Political Military Section on a Blue Lantern check at the Federal Space Agency, also recommended as favorable.

¶4. On July 5, 2007, Export Control Attaché Donald Pearce and FSN Natalya Shipitsina conducted the requested post-shipment verification with NST OMZ Research Center for Earth Operative Monitoring, 51, bld 25, Dekabristov st., Moscow, Russia. The export control team met with Sergey Kocherov, Master Scientist and Dr. Victor Feygin, Deputy Director.

¶5. NST was founded in 1974 to produce satellites for use in meteorology and geophysical survey purposes. The organization is funded by the Russian Federal Space Agency (Russian acronym ROSKOSMOS). Recently the organization launched new satellites for geophysical research, "Resource DK" and "SECh-1M." With each launch, NST produces a resource book in Russian outlining the satellite and its capabilities. NST makes these books available to interested parties.

¶6. The FPGAs in reftel were used in the production of the information storage and transmission module of the "Elekra-L" and "Meteor-M" satellites, due for launch in 2008. The satellites are in the final stages of

assembly, and all four FPGAs have been incorporated into the appropriate modules. The team was shown the sealed module, and examined the technical documents regarding the assembly of the module. The satellites will burn upon reentry after their usable life, which is estimated at around 7 years.

¶17. The equipment is stored in the laboratory, which is guarded by on-site security 24 hours a day. When the unit is to be transferred to the satellite fabrication facility, NST technical specialists will escort it to the final testing area and the satellite fabrication facility. Dr. Feygin will be personally responsible for the project as chief constructor.

¶18. Recommendations: Post recommends NST OMZ Research Center for Earth Operative Monitoring, Moscow, Russia as reliable recipients of sensitive U.S. origin commodities.

(FCS MOSCOW/SBOZEK/DPEARCE)

BURNS